



## SEQUENCE LISTING

<110> Schaak, Diane L.

&lt;120&gt; TOXIN-PHAGE BACTERIOCIDIC ANTIBIOTIC AND USES THEREOF

<130> 13688-002001

<140> US 10/025,598

<141> 2001-12-18

<160> 16

<170> FastSEQ for Windows Version 4.0

<210> 1

&lt;211&gt; 117

<212> DNA

<213> Artificial Sequence

 $\langle 220 \rangle$ 

<223> Synthetically generated primer

 $\langle 220 \rangle$ 

<221> CDS

<222> (1) ... (117)

<400> 1

atg gat tgg ctg aaa gct cgg gtt gaa cag gaa ctg cag gct ctg gaa 48  
Met Asp Trp Leu Lys Ala Arg Val Glu Gln Glu Leu Gln Ala Leu Glu  
1 5 10 15

gca cgt ggt acc gat tcc aac gct gag ctg cgg gct atg gaa gct aaa 96  
Ala Arg Gly Thr Asp Ser Asn Ala Glu Leu Arg Ala Met Glu Ala Lys  
20 25 30

ctt aag gct gaa atc cag aag 117  
Leu Lys Ala Glu Ile Gln Lys  
35

 $\langle 210 \rangle$  2

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<400> 2

Met Asp Trp Leu Lys Ala Arg Val Glu Gln Glu Leu Gln Ala Leu Glu  
1 5 10 15  
Ala Arg Gly Thr Asp Ser Asn Ala Glu Leu Arg Ala Met Glu Ala Lys  
20 25 30  
Leu Lys Ala Glu Ile Gln Lys  
35

```
<210> 8
<211> 42
<212> DNA
<213> Bacteriophage lambda
```

<400> 8  
 caatacacac gcgcttccag cggagtataa atgcctaaag ta 42

<210> 9  
 <211> 39  
 <212> DNA  
 <213> Bacteriophage phi-165

<400> 9  
 gggtagttgc ataccactaa agatgttcag gtgcacatg 39

<210> 10  
 <211> 40  
 <212> DNA  
 <213> Bacteriophage phi-165

<400> 10  
 agcattggag gaaaggaacg ctttaggggg aagggaacc 40

<210> 11  
 <211> 38  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Synthetically generated primer

<400> 11  
 cgtccggcgt agaggatcca agctttaatt taaatttt 38

<210> 12  
 <211> 96  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Synthetically generated primer

<400> 12  
 cggaagctt ggatccgcat agcaaaacgg acatcactcc gtttcaatgg aggtgatgtc 60  
 cgttttccgc tcgagctatt atttctggat ttcagc 96

<210> 13  
 <211> 98  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Synthetically generated primer

<400> 13  
 ccggaattcg ctagegggcc cgagttgccc atatcgatgg gcaactcatg caattattgt 60  
 gagaagcttt aatttaaatt ttatttgaca aaaatggg 98

<210> 14  
 <211> 98

<213> Artificial Sequence

<223> Synthetically generated primer

cgccctaggc ggccgaggac cctactttag gcatttatac tccgctggaa gcgcgtgtgt 60  
attggcatgc atcgattagt aaaacggaca tcactccg 98

<213> Artificial Sequence

<223> Synthetically generated primer

```
ccggaattcg ctagcgggcc cgaggggtag ttgcatacca ctaaagatgt tcaggtgcac    60
atgaagcttt aattttaaatt ttatttgaca aaaatggg                                98
```

### <213> Artificial Sequence

<223> Synthetically generated primer

cgccctaggc ggccgaggac ccggtttccc ttccccctaa agcgttcctt tcttccaatg 60  
ctggcatgca tcgattagta aaacggacat cactccg 97